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CP372

Assignment 2

Datagram Format

The first byte in the datagram contains the seqeunce number of the packet. The rest of the datagram is filled with the filebuffer taken from the file to be transferred.

Stop and Wait Timing

Small file size (1kb):

|  |  |  |
| --- | --- | --- |
| **Reliability number** | **Time (0.5 second timeout)** | **Time (1.5 second timeout)** |
| 0 | 5ms | 5ms |
| 10 | 5ms | 5ms |
| 100 | 5ms | 5ms |

Observation: File size is too small for reliability to effect transmission time.

Large file size (1.1mb):

|  |  |  |
| --- | --- | --- |
| **Reliability number** | **Time (0.5 second timeout)** | **Time (1.5 second timeout)** |
| 0 | 2593ms | 2688ms |
| 10 | 549994ms | 1606087ms |
| 100 | 61292ms | 153275ms |